



September 2022

Alaska Chapter Newsletter
Hot Gas Bypass

ASHRAE Monthly Meeting Information

Presentation:

Thermal Storage

By: Daniel R. Pyewell, P.E.

Date:
Thursday, September 15, 2021

Time:
12:00 pm

Cost:
Free

Location:
GoTo Meeting Online

<https://www.gotomeet.me/ashraeak>

Phone:
1-872-240-3412

Access Code:
264-465-621

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Alaska ASHRAE Chapter
PO Box 244503
Anchorage, AK 99524

Hello Fellow ASHREA members,

The Board would like to welcome everyone to another exciting year! The Annual Golf Tournament had an excellent turnout, the weather was mostly cooperative this year and everyone had excellent fun. He send many thanks to our Annual Golf Tournament partner AMCA. The money raised at the golf tournament goes to Research Promotion.

While we are planning to get back to in person meetings soon our September meeting on Thermal Storage will be online. This year has an exciting program, culminating March 6-8 with the ASHRAE SCANVAC Cold Climate Conference in Anchorage and mini conference in Fairbanks March 9-10.

<https://www.ashrae.org/conferences/topical-conferences/hvac-cold-climate-conference-2023>

We usually do a trade show or other training on odd years to help everyone get their PDH, but since we are doing the Cold Climate Conference that may not happen in November so we plan on having some training around this conference to help get those PDHs.



Thank you,
Philip Hayes
ASHRAE Alaska President 2022-2023
Philip.Hayes.2@outlook.com



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This month we are pleased to have Daniel Pyewell present on T.E.S, Thermal Batteries, what they are and why they are used.

Speakers Bio's



Daniel Pyewell has been working in the bulk products storage tank industry for over 18 years. He is considered an expert in API 650 and AWWA D100 flat bottom tank design, and has also worked on other bulk products storage solutions including pressurized ASME VIII storage (spheres and bullets), as well as cryogenic applications (Liquid Oxygen, Liquid Nitrogen, and Liquefied Natural Gas). He has also been involved in the estimating and construction of several types of plant design builds, including tank terminals, LNG liquefaction units, HRSG power plants, and CCR reactor units.

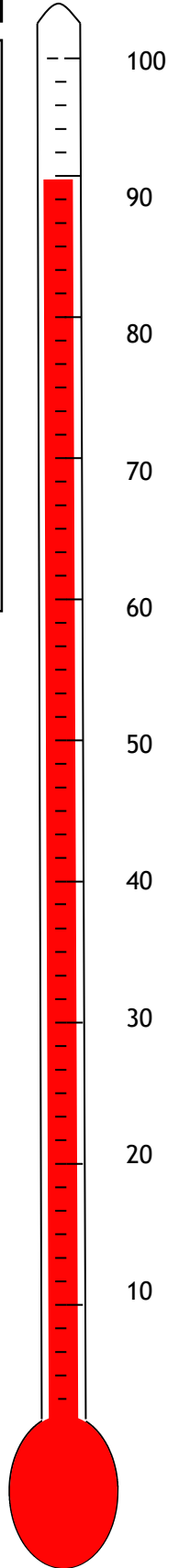
He is the current Chair of ASHRAE Technical Committee 6.2 for District Energy, and Vice-Chair of Technical Committee 6.9 Thermal Storage, and is also an active member of the AWWA flat bottom tank committee for D100 (DFBT).

He has 15 years of experience in design of Thermal Energy Storage (T.E.S.) Tanks, and has been involved in hundreds of T.E.S. projects throughout the United States and Middle East.

He is the Engineering/ Technical Manager for Tanco Engineering, a tank construction and repair company based out of Loveland, CO.

Research Promotion:

2022-2023 Research Investors, ASHRAE Alaska Chapter		
<p><u>Organizations</u></p> <p><u>Major Donor - ASHRAE Associate (\$2,500 - \$4,999)</u> Stinebaugh & Company Alaska Mechanical Contractors Association</p> <p><u>Major Donor - Silver (\$1,000 - \$2,499)</u> Alaska Mechanical Contractors Association</p> <p><u>Major Donor - Bronze (\$500 - \$999)</u> Design Alaska General Mechanical Inc. Scope Permitting +</p>	<p><u>Chapter Recognized Donor (\$150 - \$499)</u> Aaron Plumbing and Heating Alaska Integrated Services ATS/ Convergint Brenntag CHC Hydro Cole Industrial CRW Engineering Frontier Supply Jernstrom Engineering Keller Supply Long Controls MBA Engineers Meridian Controls Parker, Smith and Feek Inc. Proctor Sales Roth Sirianni Siemens Stinebaugh Taylor Fire Protection UA Local 367 Uni Group Engineers</p>	<p><u>Individuals</u></p> <p><u>Major Donor (\$250 - \$2,499)</u></p> <p><u>Honor Roll Donor (\$150 - \$249)</u> Nathan Zeigler</p> <p><u>Donor (\$1-150)</u> Mack Bergstedt</p>



Fellow ASHRAE Members,

Through your generosity our chapter has currently raised \$13,280 for ASHRAE RP so far this year! Keep it up, your generous contributions will pay back in countless ways to our local and broader industry as a whole!

It is through the funds generated for RP that all ASHRAE codes, standards and design guides are researched, written and implemented into the built environment where we live and work. Thank you for your generous support, it is only through your donations and involvement that we can continue to advance the knowledge, quality and standards for our built environment.

“How are my RP donations used?” & “What benefit do RP donations have for Alaska?”

- ASHRAE RP funds are pooled at the society level, then with the entire society’s resource potential the funds are redistributed in order to achieve the highest potential output.
- It is through the funds generated for RP that ASHRAE codes and standards are researched, written and implemented into the built environment that we live in.
- RP funds return to Alaska in various forms such as research grants, scholarships, and technical committee funding.

If you are interested in donating to ASHRAE RP please follow one of these three donation options:

- Visit <http://www.ashrae.org/RP> and scroll down the page to select the “**ONLINE CONTRIBUTION FORM**” link.
- Mail a check to “ASHRAE Research” with “Alaska Chapter” written in the memo line and mail to: ASHRAE RP; 180 Technology Parkway; Peachtree Corners, GA 30092.
- Designate a RP donation amount when you renew your membership.

If you have already made a donation of \$150 or more, your name should appear at the top of this page. If you do not see your name, please let me know and I will ensure that your donation is recorded properly. Please feel free to contact me with any questions about ASHRAE Research Promotion; the ASHRAE Foundation; or the ASHRAE Learning Center.

Thank you very much for all of your support and dedication to your local ASHRAE Chapter.

Sincerely,
Sam Ratnasigamanir
Alaska Chapter Research Promotion Chair
samr@rsa-ak.com



Chapter Sponsors:

2022-2023 ASHRAE Alaska Chapter Sponsors

Gold Chapter Sponsor: (\$5,000)



Forget-Me-Not Chapter Sponsor: (\$2,500)

Chapter Meeting Sponsor: (\$1,000)



Chapter Web Sponsor: (\$400)



In the past three years, the Alaska Chapter introduced chapter sponsorship levels to help recognize those who have steadfastly supported the Alaska Chapter over the years. Included with these sponsorship levels are various 'chapter benefits' as a way of thanking and honoring the generosity of our loyal supporters. Portions of the sponsorships are utilized to help fund the Alaska Chapter operations as well as donated to ASHRAE Research Promotion in the sponsor's name. Below is a list of the sponsorship levels along with the 'chapter benefits' for each level of donation.

Corporate Donations:

Corporate donations to the Alaska ASHRAE Chapter are recognized in five tiers:

• Gold Sponsorship: \$5,000 & Above

- (1) Foursome team for annual golf tournament • (1) Hole sponsorship for golf tournament • (1) Seat for every chapter meeting -OR- (1) Range Sponsorship during Annual RP Shoot out • Announcement of your sponsorship during all meeting introductions and events. • Logo on website • Business card advertisement in newsletter (September – May) • Job postings on the ASHRAE Alaska website and on the newsletter. RP Donor Level - ASHRAE Associate: (Gold Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll)

• Forget-Me-Not Chapter Sponsorship: \$2,500 - \$4,999

- (1) Range Sponsorship during Annual RP Shoot out • (1) Hole Sponsorship during Annual Golf Tournament • Announcement of your sponsorship during all meeting introductions and events. • Logo on website • Business card advertisement in newsletter (September – May) Job postings on the ASHRAE Alaska website and up to (2) on the newsletter • RP Donor Level - Major Donor – Silver: (Silver Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll)

• Chapter Meeting Sponsor: \$1,000

- Sponsor's table available with display and literature prior to meeting (A website link and a hole or range sponsorship will be made available as an alternative for a virtual meeting sponsorship) • Logo on welcome message during monthly chapter meetings • Announcement of your sponsorship during one meeting introduction • Logo on website • Business card advertisement in newsletter (September – May) • RP Donor Level - Major Donor – Bronze: (Bronze Commemorative Coin & Plaque, Listed in the annual Investor Honor Roll)

• Web Sponsorship Package: \$400

- Logo on website • Business card advertisement in newsletter (September – May) • RP Donor Level – Honor Roll (Individuals only): (Receive blue desktop coin holder, Listed in the annual Investor Honor Roll)

• Newsletter Sponsorship: \$150

- Business card advertisement in newsletter (September – May)

For more information on corporate donations and the benefits please visit the “shop” section of our website at

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